THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crawford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
Formerly patent Galvanized Sheets, plain or corrugated, for roofing &c. Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export
An allowance to the trade.
WORKS—WILLWALL and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING
WORKS,
BIRMINGHAM, late of Southwark
JOHN M. PORTER,
Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.
PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE PATENT GALVANIZING and
CORRUGATING IRON COMPANY, (Limited), Shadwell-yard, opposite the principal entrance to the London Docks—Offices 12, Upper Thames-street, ST. KATHERINE'S, near the Docks—Works, Millwall, Millbank, and Vauxhall.
The proprietors have deemed it advisable to obtain a license to work Crawford's Patent, upon which they have made a very considerable improvement, and it is acknowledged by the trade to be superior to any other process ever used. The facilities their process is exciting orders to any extent induce them to solicit the favours of contractors, builders and others, in want of corrugated iron for iron houses, roofing, lining, verandahs, shutters, partitions, safety rooms, sheets, &c. fitted. Iron guttering, water and gas pipes, hooping, wire of all sizes, chairs and seats for lawns, pleasure-grounds, and gardens, in great variety. Goods sent for and returned, free of charge, within the limits of the City, and all light goods received at the works by Nine in the morning, will be returned the same day if required.
A discount allowed to the trade.

MOREWOOD and ROGERS'S PATENT
GALVANIZED TINNED IRON,—i.e. Iron Tinned previously to being Galvanized.
ANDREW WHYTOCK, 284, New Oxford-street, and Rose-street, Soho, begs to call the attention of Engineers, Architects, Surveyors, Contractors, Builders, and others, to this metal, which will be found on examination to effectually accomplish the objects of the patent. It is suitable to all purposes for which iron, not liable to rust, is required; but in its advantages and economy for roofing it stands unrivalled. Strength, durability, and lightness are obtained, as it possesses the qualities of iron protected from decay. Twenty-four gauge weighs 1lbs., while sheet weighs from 3 lbs. to 11 lbs to the foot. It is but slightly acted upon by the changes of temperature, the contraction and expansion being one-fourth of lead or zinc. The first outlay is less than that of an ordinary slate roof. The casing in timber and the lessening of weight of thread work being very considerable. Where used, arched and corrugated framing will be seldom required. It is extensively and successfully employed for the roofing of public buildings, dwellings, railway stations, for all sheds, for lining tunnels, cisterns, and tanks; for gutters and piping of every description; nails, bolts, and rivets; iron hooping chains, anchors, ship fastenings, &c. &c., to her Majesty's dockyards, on the principal lines of railways, by public companies, and private parties at home and abroad. It is eminently calculated for granaries, farms, cattle-sheds, straw yards, and agricultural purposes of this description, as joined to the advantages enumerated, the metal is very portable, and if preferred, can be used by any skilful artisan, and if put together with bolts, nuts, pins, it can be taken down and re-erected at a trifling expense. ANDREW WHYTOCK will be happy to furnish pamphlets explanatory of all the uses to which this metal has been applied; and begs to refer to the Surveyor of the Patentees, Mr. GEORGE MORGAN, 32, Parliament-street, Westminster (in whose office models can be seen), who may be consulted as to its suitability to any purpose, and who will furnish estimates with working drawings, showing the scantlings of all frameworks, free of cost.

TO FLORISTS AND OTHERS.
J. JONES, Iron merchant, has always a
great variety of CONICAL and SADDLE BOILERS in STOCK; also fire and furnace bars, ornamental and plain supply cisterns, double doors and frames furnace grates, ash doors for the same, hot water pipes, elbows, tees, syphons, throttle valves, stop cocks, flanch and socket elbows, &c., also trough pipes. Drawings and prices of the above, on application to J. JONES, Iron-bridge-wharf, No. 6, Bankside, London, near the Southwark Iron bridge.

IRON FOUNDRY, 30, Goswell-street (late of
Brick-lane, St. Luke's.—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Pieces, &c.
BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

TO ARCHITECTS AND BUILDERS.
CHUBB'S WROUGHT-IRON and FIRE-
PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, made to the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, can lastly on sale, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

THE attention of those who are interested
in Building is earnestly invited to a method of constructing the FLOORS, CEILINGS, and ROOFS of HOUSES on an IMPROVED FIRE PROOF PRINCIPLE, the adoption of which secures many important advantages at a cost not greater than that of the common mode of building with timber. Perfect security from fire—economy of construction—freedom from the attacks of dry-rot, insects, &c.—and increased strength and durability, are the leading features of this system, a pamphlet fully descriptive of which, and all further information, may be obtained on application to the proprietors of the patent, Messrs. FOX and BARRETT, 45, Leicester-square, London.

BATHS.—J. TYLOR and SON'S improved
APPARATUS, consisting of copper or galvanized iron baths, coated with enamelled white or Sienna marbles inside, copper circulating boiler, with three-way cock for h. & c. and vase water, complete, is MOVEABLE, and does not require any BRICK-WORK. Manufacturers of every description of boilers and coil pipes for heating baths or public buildings, hospitals, spinning workhouses, asylums, &c.—Apply to Ironmongers or Plumbers, or to the Manufacturers, Warwick-lane, London.

BIDDLE'S PATENT SELF-REGU-
LATING GAS BURNER.—This Burner keeps the flame at any desired height, thereby greatly economizing the consumption of gas, and entirely preventing the inconvenience and danger arising from smoke and excess of flame.
COOK'S PATENT SELF-REGULATING STOVE, which embraces all the economy and other advantages of Dr. Arnott's stove, but cannot be overheated by leaving open the ash-pit door; and the regulator is not liable to get out of order. Economic and other gas stoves.—HUXLEY, HENROP, and Co., Castle-street, Long-acre. A liberal allowance to the trade.

TO BUILDERS AND OTHERS.
HART and SONS, Wholesale and Manu-
facturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand. Established 1819. Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE, and SPINDLESS, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.
HART and SONS collect the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, en suite with finger plates, bell-pulls, levers, &c., and also to their
LOCKS and LATCHES in mortice, rim, drawback, iron gate, cabinet &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their
GENERAL IRONMONGERY wrought and cast nails, screws, hinges, bolts, &c. &c.
BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles, picture rods, shew door handles, desk and hat rails, window guards, fenders, steels, &c. &c.
WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sockets, trays, &c. &c.
DOOR SPRINGS and HINGES, including Redmund's, Smith's, Collinge's, Gorrish's, and Cotterell's patents.
WINDOW BLIND FITTINGS of the most approved principles.
SHERINGHAMS and all other VENTILATORS.
LEAN RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.
HART and SONS, aware that the practice of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.

DEFRIES' PATENT GAS BATH.—By
the use of the above, a HOT BATH can be obtained in six minutes for less than twopence. Every family should provide itself with this invaluable requisite, its limited cost placing it within the means of all, and its simplicity within the management of a child.—DEFRIES' ECONOMIC GAS COOKING STOVES are adapted for all establishments, large or small, and need only to be seen to be appreciated for their cleanliness and economy, entirely dispensing with all coal. To be seen daily in operation (Saturday excepted) at 210, Regent-street, and also in action.—Defries' Dry Gas Meter, 210, as in use. N.B. The apparatus can be applied for all heating purposes.

TO BUILDERS and CARPENTERS.—
Elliptic Stoves, double backs, 24d. per inch.
Register Stoves, 24, 30, 36d. 42d. per inch.
Self-acting Ranges, with circular ovens and boat's boilers, best wrought bars and bright fittings—

3 ft., 2l. 12s.	3 ft. 6 in., 2l. 7s.	4 ft., 3l. 13s.
2-feet Cottage Ranges, with ovens and hook boilers, 22s. each.		
2-feet self-acting ditto, ditto		32s. each.

Air Bricks, 3s. 6d. per doz.—4-inch Cast Cut Lath Nails, 12s. 6d. per cwt.
Best Patent Cut Clasp.

1½	1¾	2	2½	3 inch and larger,
14s. 6d.	14s.	13s.	12s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 1s. Ditto, Scotch, 10s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross

At F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 25, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter, pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

CLARK and HUNT'S IRONMONGERY,
STOVE and METAL WAREHOUSE, 128, Shoreditch.
Strong Elliptic Stoves, with extra back, 24d. per inch.
Register Stoves, 36d. per inch.
2-ft. Self-acting Cottage Ranges, with oven and Boilers, 30s. each.
2-ft. Self-acting ditto, with wrought bars and bright fittings, 32s. ea.
2-ft. Self-acting ditto, with wrought bars and bright fittings, 32s. ea.

Cast Rain-water Pipe	3	3½	3 inch.
	8d.	10d.	1s. per yard.
Cast Gutters—4 inch, 9d. per yard.			
	4		4½ inch.
O.O. Gutters	11d.		1s. per yard.

Best Cut Clasp	1½	11	2	2½ inch.
and Rose	14s. 6d.	14s.	13s. 6d.	13s.	12s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 1s. Cast Lath, 2s. 6d.
4-inch 3 Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 6d.
Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 4s. 6d. per cwt.
Dr. Arnott's Ventilators, 5s. each.
An extensive stock of bar, rod, hoop, and sheet iron.

TO BUILDERS AND CARPENTERS, &c.
J. H. BOOBBYER and CO., late Stuch
and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.					
Fine Cut Clasp and Rose.					
14s. 6d.	14s. 6d.	13s. 6d.	13s.	12s. 6d.	per cwt.
1½	1¾	2	2½	3 inch.	
Best Bright Tower Bolts.					
1s. 3d.	1s. 7d.	2s. 0d.	2s. 6d.	per dozen.	
3	4	5	6 inch.		
Best Patent Sash Line.					
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross
No. 1	2	3	4	5	6
Cast Lath Nails, 10s. per cwt. Air Bricks, 3s. 6d. per dozen.					

DR. ARNOTT'S VENTILATORS.
10 by 4 inches ..... 3s. each.
14 by 9 " ..... 8s. "
An assortment in Brass, Bronzed, Gilt, &c.
An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, silver, buffalo, horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite.
J. H. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS, CARPENTERS, &c.—
The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	2	2½	3	Inches.	
Cast Butts	5s. 3d.	7s. 6d.	11s.	per 6 dozens.	
Cut Clasp	5d.	7d.	1s. 2d.	1s. 9d.	per
	4d.	6d.	10d.	2d.	Dozen.
Nos.	3	4	5	6	
Patent Line	3s. 6d.	7s.	8s.	10s. 6d.	per gross.
	2	2½	3	Inches.	
Main Pipe	9½d.	10½d.	1s.	1d.	per yard.

CHURCH and TURRET BELLS
cast to any weight, and tuned. Ships, plantation, hand, sheep, cup, and clock bells of any size.

MUSICAL HAND BELLS
Tuned to the chromatic scale, with improved clappers, and played on a new system, which gives a superior tone and facility for ringing.

Memorial Brasses, Pulpit Lights, and Brackets, &c.

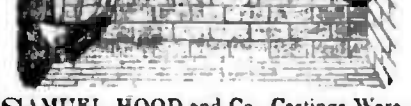
Old Bells recast or taken in exchange.

J. WARNER and SONS, BELL FOUNDERS, ENGINEERS, &c.

WARMING BY HOT WATER.—J.
WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot-Water Apparatus, which is to be seen on their premises, in extensive operation. Ornamental Pedestals and Panels of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

HOT-WATER APPARATUS.—The
attention of architects, builders, and others is respectfully requested to BENJAMIN POWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and greenhouses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.
BENJAMIN POWLER, late of 45, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.
RAIN PIPES, &c.—F. A. TIDDEMAN
and Co., St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane



SAMUEL HOOD and Co., Castings Ware-
houses, 21, Upper Thames-street. REGISTERED STABLE FITTINGS, Enamelled Mangers, with double hay-racks, or with enamelled water-cisterns on one side.—Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.
PUMPS of Superior CONSTRUCTION,
bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Hoods, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.
BENJ. FOWLER (late of 45, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND PLUMBERS.
THE attention of the
Trade is called to
JOHN WARNER & SONS'
PATENT VIBRATING
STANDARD PUMP,
which is recommended for the simplicity of its construction, and the ease with which it works.
By the introduction of the vibrating standard the cumbrous cast age and expensive slings and guides are unnecessary, rendering the price considerably less than pumps made on the old plan.
Beer and Water Engines for raising fluids from a depth not exceeding 25 feet; also, Garden Engines constructed on the same principle.
JOHN WARNER & SONS,
8, Crescent, Jewin-street, London,
Manufacturers and Patentees.

PATENT VULCANIZED INDIA-
RUBBER TUBING, for the Fittings, Chemical Purposes, Fire Engines, Manure Pumps, &c.—JAMES LYNE HANCOCK, Sole Manufacturer and Licensee, Goswell-mews, Goswell-road, London, begs to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanized India-Rubber Tubing, which is now manufactured from 1-inch bore and upwards, in lengths from 50 to 100 feet, and of various strengths, suitable to the purposes for which it is applied. VULCANIZED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length and size to order.
*** Testimonials may be had on application to the Manufactory.
N.B. VULCANIZED WASHERS and SHEET RUBBER for Steam and Hot Water Pipes, and Packings for Pistons and Glands of Steam Engines, cut any size to order.

CHEAP GLASS.—Builders and the Trade
can be supplied with good Sheet, cut to any size, at 9d. per foot; 16 oz. at 3s.; or in cases of 200 feet from 15s. to 42s. case included, at HICKSON'S, 46, Long Acre.—Ornamental Glass at equally low prices. Terms cash.

PATENT and BRITISH PLATE GLASS.
—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 35, Soho-square, London.

CHEAP ORNAMENTAL GLASS.—I beg
to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The patterns are from ONE SHILLING PER FOOT RUN, and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

THOMAS MILLINGTON begs to inform
BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Pantiles, Slates, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Milled and sheet Lead; Lead Pipe from ½ inch to 4 inches bore; Solder, Water-closets, Basins, Plumbery and Brass Work of every description, and upon the very best terms. Glass Ornaments, Shades, Milk-pans, Engraving and Bee Glasses.—Address, 97, Bishopsgate-street Without.
See Priced List Advertisements, Saturday, June 15.

BELGIAN SHEET GLASS.—Builders
and Consumers of SHEET GLASS can be supplied at the Soho Crown, Sheet, Ornamental, and Plate-glass Warehouse, 35, Soho-square, with BELGIAN SHEET GLASS, from 10s. to 20s. to cases containing 200 feet each, upon the following terms, for cash on delivery:—In parcels of ten cases, at 10s. per case; in parcels of five cases, 10s. per case; and single cases at 10s. per case. Squares cut to given size. 3d. per foot.

E. and W. H. JACKSON beg to call the
attention of Builders and the trade to the low prices of their PATENT PLATE GLASS. BRITISH PLATE, silvered and for glazing of unrivalled quality and finish. ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety of the best manufacture, and at the lowest terms. List of prices, estimates, and every information sent on application. THE ROYAL ARMS, richly painted on glass,—also, 20 inches by 16,—well adapted for a public Company's Hall; to be seen at their warehouse, 215, Oxford-street.

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